

CLAIMS

1. A data storage control apparatus comprising:

data attribution detection means for detecting attribution of storing-target data;

determination means for determining whether or not the storage of said data is to be performed based on the attribution of said data detected by said data attribution detection means;

data deletion means for deleting data having higher deletion-target priority than others from among a plurality of stored data, if said determination means determines that the storage of said data is to be performed and a storage medium for storing said data runs out of space, said deletion-target priority being determined based on attribution of said plurality of stored data; and

data storage means for storing said storing-target data in said storage medium after said data deletion means deletes data having higher said deletion-target priority.

2. The data storage control apparatus according to claim 1, wherein said data attribution detection means detects attribution of said data based on applications which request the storage of said data.

3. The data storage control apparatus according to claim 1, wherein said data attribution detection means extracts data attribution information which said data contains to detect attribution of said data.

4. The data storage control apparatus according to claim 1, wherein the determination means unconditionally determines the storage of said data is to be performed, if attribution of said data shows that said data is information relating to broadcast contents.

5. The data storage control apparatus according to claim 4, wherein the determination means unconditionally determines the storage of said data is to be performed, if attribution of said data shows that said data is now-on-air information including title information of broadcast contents.

6. The data storage control apparatus according to claim 4, wherein the determination means unconditionally determines the storage of said data is to be performed, if attribution of said data shows that said data is broadcast content data.

7. The data storage control apparatus according to claim 1, wherein if attribution of said data shows that said data is information relating to storage media, said data deletion means determines that said deletion-target priority of said data is high to delete said data.

8. The data storage control apparatus according to claim 7, wherein if attribution of said data shows that said data is title information corresponding to compact discs, said data deletion means determines that said deletion-target priority of said data is high to delete said data.

9. The data storage control apparatus according to claim 7, wherein if attribution of said data shows that said data is content data copied from storage media, said data deletion means determines that said deletion-target priority of said data is high to delete said data.

10. A data storage control method comprising the steps of:

- a data attribution detection step of detecting attribution of storing-target data;

- a determination step of determining whether or not the storage of said data is to be performed based on the attribution of said data detected by said data attribution detection step;

- a data deletion step of deleting data having higher deletion-target priority than others from among a plurality of stored data, if said determination step determines that the storage of said data is to be performed and a storage medium for storing said data runs out of space, said deletion-target priority being determined based on attribution of said plurality of stored data; and

- a data storage step of storing said storing-target data in said storage medium after said data deletion step deletes data having higher said deletion-target priority.

11. The data storage control method according to claim 10, wherein attribution of said data is detected based on applications which request the storage of said data, at said data attribution detection step.

12. The data storage control method according to claim 10, wherein attribution of said data is detected by extracting data attribution information which said data contains, at said data attribution detection step.

13. The data storage control method according to claim 10, wherein it is unconditionally determined that the storage of said data is to be performed, if attribution of said data shows that said data is information relating to broadcast contents, at said determination step.

14. The data storage control method according to claim 13, wherein it is unconditionally determined that the storage of said data is to be performed, if attribution of said data shows that said data is now-on-air information including title information of broadcast contents, at said determination step.

15. The data storage control method according to claim 13, wherein it is unconditionally determined that the storage of said data is to be performed, if attribution of said data shows that said data is broadcast content data, at said determination step..

16. The data storage control method according to claim 10, wherein if attribution of said data shows that said data is related information relating to storage media, it is determined that said deletion-target priority of said data is high to delete said data, at said data deletion step.

17. The data storage control method according to claim 16, wherein if attribution of said data shows that said data is title information corresponding to compact discs, it is determined that said deletion-target priority of said data is high to delete said data, at said data deletion step.

18. The data storage control method according to claim 16, wherein if attribution of said data shows that said data is content data copied from storage media, it is determined that said deletion-target priority of said data is high to delete said data, at said data deletion step.

19. A data storage control program for causing an information processing apparatus to execute the steps of:

- a data attribution detection step of detecting attribution of storing-target data;

- a determination step of determining whether or not the storage of said data is to be performed based on the attribution of said data detected by said data attribution detection step;

- a data deletion step of deleting data having higher deletion-target priority than others from among a plurality of stored data, if said determination step determines that the storage of said data is to be performed and a storage medium for storing said data runs out of space, said deletion-target priority being determined based on attribution of said plurality of stored data; and

- a data storage step of storing said storing-target data in said storage medium after said data deletion step deletes data having higher said deletion-target priority.

20. The data storage control program according to claim 19, wherein attribution of said data is detected based on applications which request the storage of said data, at said data attribution detection step.

21. The data storage control program according to claim 19, wherein attribution of said data is detected by extracting data attribution information which said data contains, at said data attribution detection step.

22. The data storage control program according to claim 19, wherein it is unconditionally determined that the storage of said data is to be performed, if attribution of said data shows that said data is related information relating to broadcast contents, at said determination step.

23. The data storage control program according to claim 19, wherein if attribution of said data shows that said data is related information relating to storage media, it is determined that said deletion-target priority of said data is high to delete said data, at said data deletion step.